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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Dae Hun NYANG, et al.

Serial No.: New Application Group Art Unit: Not Yet Assigned

Filed: February 7, 2002 Examiner: Not Yet Assigned

Title: **METHOD OF DESIGNING PASSWORD-BASED AUTHENTICATION AND KEY EXCHANGE PROTOCOL USING ZERO-KNOWLEDGE INTERACTIVE PROOF**

1046 U.S. PTO  
10/066729  
02/07/02

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner for Patents  
Washington, DC 20231

February 7, 2002

Sir:

As a means of complying with the duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §§1.97 and 1.98, Applicant(s), through the undersigned attorney, submits this Information Disclosure Statement. The patents, publications or other information submitted herewith are listed on the attached Form PTO-1449 and copies are attached.

In accordance with 37 CFR §1.97(b)(1) or (2), this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, or within three months of the date of entry into the national stage of the above-identified application as set forth in 37 CFR §1.491. Accordingly, no fee is required.

Respectfully submitted,

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## LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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ATTY. DOCKET NO.: P67580US0 GROUP ART UNIT: Not Yet Assigned  
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 APPLICANT(S): Dae Hun Nyang, et. al. TODAY'S DATE: February 07, 2002

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	INT'L CLASS	SUB- CLASS	FILING DATE (If Appropriate)
AA	<u>5,872,917</u>	<u>02/16/99</u>	<u>Hellman, Martin</u>	<u>G06F</u>	<u>11/00</u>	<u>10/08/97</u>
AB	<u>5,373,559</u>	<u>12/13/94</u>	<u>Kaufman, Charles</u>	<u>H04K</u>	<u>1/00</u>	<u>03/18/93</u>

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES) (NO)
AC	<u>01-0090167</u>	<u>10/18/01</u>	<u>Korea</u>	<u>H04L</u>	<u>9/30</u>	<u>  </u>   <u>X</u>
AD	<u>99-0076101</u>	<u>10/15/99</u>	<u>Korea</u>	<u>G06F</u>	<u>17/60</u>	<u>  </u>   <u>X</u>
AE	<u>00-0012131</u>	<u>02/25/00</u>	<u>Korea</u>	<u>H04L</u>	<u>29/06</u>	<u>  </u>   <u>X</u>
AF	<u>01-0027902</u>	<u>04/06/01</u>	<u>Korea</u>	<u>H04L</u>	<u>9/32</u>	<u>  </u>   <u>X</u>

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AG DaeHun Nyang; A Method to Enhance the Security of ZKIP with Weak Keys; p. 117-120.

AH DaeHun Nyang; Armoring Password Based Protocol Using Zero-knowledge with Secret Coin Tossing; ISIT 2001, June 24-29, 2001.

AI Bellovin, et. al; Encrypted Key Exchange: ...; Proceedings of the IEEE Symposium; May 1992.

AJ Thomas Wu; The Secure Remote Password Protocol; November 11, 1997; p. 1-17.

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).